

**AMENDMENTS TO THE CLAIMS**

1. - 24 (canceled)

25. (Previously Presented) An isolated nucleic acid consisting of X nucleotides wherein X is 16-120 and the sequence of the nucleic acid comprises:

- (a) at least Y consecutive nucleotides of SEQ ID NO: 10068310, wherein Y is at least 16;
- (b) an RNA equivalent of (a);
- (c) a sequence at least 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c).

26. (Withdrawn) The nucleic acid of claim 25, wherein the at least Y nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 6876154, 6852582, 6792146, 6866677, 6816665, 6807279, 6766934, 6764600, 6846774, 6759618, 6797277, 6859396, 6862412, 6758196, 6767976, 6864591, 6846490, 6827549, 6824457, 6832127, 6773276, and 6791269.

27. (Currently Amended) The nucleic acid of claim 25, wherein the at least Y nucleotides ~~is~~are of ~~a the~~ sequence ~~selected from the group consisting of~~ SEQ ID NOS: 4819, 4843, 2249, 488, 488, 1199, 7002375, 6946165, 6907159, 6907159, 6971545, 7012403, 6772, 6910855, 6982884, 3106, 3343, 1454, 2802, 3307, 6939857, 6939857, 507, 3676, 1406, 1406, 6413, 1330, 2877, 4542, 8145, 5874, and 4685.

28. (Previously Presented) The nucleic acid of claim 25, wherein X=Y.

29. (Withdrawn) The nucleic acid of claim 28, wherein Y consecutive nucleotides is of a sequence selected from the group consisting of SEQ ID NO: 6876154, 6852582, 6792146, 6866677, 6816665, 6807279, 6766934, 6764600, 6846774, 6759618, 6797277, 6859396, 6862412, 6758196, 6767976, 6864591, 6846490, 6827549, 6824457, 6832127, 6773276, and 6791269.

30. (Currently Amended) The nucleic acid of claim 28, wherein the Y consecutive nucleotides ~~is~~are of ~~a the~~ sequence ~~selected from the group consisting of~~ SEQ ID NO: 4819, 4843, 2249, 488, 488, 1199, 7002375, 6946165, 6907159, 6907159, 6971545, 7012403, 6772, 6910855, 6982884, 3106, 3343, 1454, 2802, 3307, 6939857, 6939857, 507, 3676, 1406, 1406, 6413, 1330, 2877, 4542, 8145, 5874, and 4685.

31. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of ~~claim 25~~ any one of claims 25, 27, 28, or 30.

32. (Canceled)

33. (Withdrawn) A method for detecting the nucleic acid of claim 27 comprising:

- (a) providing a biological sample; and
- (b) measuring the level of the nucleic acid,

wherein a difference in the level of the nucleic acid compared to a control is indicative of the presence of the nucleic acid.